

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	siemitsu.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/06 15:40
S2	13307	seimitsu.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/02 09:28
S3	7	laser and tape and dicing and S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/16 11:59
S4	1191	laser and tape and dicing and semiconductor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 08:27
S5	304	street and S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 08:59
S6	54	yag and S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 08:59
S7	15	("5552345").URPN.	USPAT	OR	ON	2005/03/14 09:05
S8	9	("4543464"   "4716270"   "4861964"   "4865686"   "5151389"   "5185295"   "5552345"   "5922224"   "6257224").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/14 09:08
S9	2	("6737606").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 10:12

## EAST Search History

S10	11	("4355457"   "4610079"   "5091331"   "5302554"   "5356081"   "5543365"   "5552345"   "5902499"   "5904546"   "6427676"   "6555294").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/16 10:13
S11	13	("5543365").URPN.	USPAT	OR	ON	2005/08/16 10:14
S12	9	("20010040152"   "20020115235"   "4610079"   "5543365"   "6211488"   "6252197"   "6271102"   "6407360"   "6512196").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/16 10:19
S13	22	("4015175"   "4104697"   "4292576"   "4312115"   "4721977"   "4729971"   "4814296"   "4846032"   "4900283"   "4985982"   "5000811"   "5217907"   "5219796"   "5272114"   "5369060"   "5477065"   "5786266"   "5843831"   "5858808"   "5943591"   "5998238"   "6124148").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/16 10:22
S14	2	("6734083").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 11:57
S15	0	("6734083").URPN.	USPAT	OR	ON	2005/08/16 11:57
S16	9	("20010040152"   "20020115235"   "4610079"   "5543365"   "6211488"   "6252197"   "6271102"   "6407360"   "6512196").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/16 11:57
S17	7524	laser and (cutting adj wheel or dicing) and substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/16 12:00
S18	3528	(tape or adhesive) and S17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/16 12:00

## EAST Search History

S19	690	melt and S18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/16 12:01
S20	155	street and S19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/16 12:09
S21	846	(438/460).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 12:09
S22	308	laser and S21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/16 12:09
S23	11	("2911773"   "3081586"   "3852876"   "3970819"   "3991296"   "4019248"   "4135291"   "4217689"   "4237601").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/16 12:31
S24	20	("4355457").URPN.	USPAT	OR	ON	2005/08/16 12:32
S25	36	("4610079").URPN.	USPAT	OR	ON	2005/08/16 12:34
S26	7	("5785796").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 14:39
S27	9	("20010040152"   "20020115235"   "4610079"   "5543365"   "6211488"   "6252197"   "6271102"   "6407360"   "6512196").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/02 08:11
S28	36	("4610079").URPN.	USPAT	OR	ON	2006/01/02 08:12
S29	47	("4814296").URPN.	USPAT	OR	ON	2006/01/02 08:14

## EAST Search History

S30	44	("20020086459"   "20020089054"   "20020125557"   "3838501"   "4015175"   "4104697"   "4249299"   "4292576"   "4312115"   "4670770"   "4721977"   "4729971"   "4814296"   "4837184"   "4846032"   "4900283"   "4949148"   "4985982"   "4992847"   "4996587"   "5000811"   "5019943"   "5095360"   "5160403"   "5216278"   "5217907"   "5219796"   "5272114"   "5369060"   "5477065"   "5706176"   "5786266"   "5804004"   "5814885"   "5843831"   "5858808"   "5904548"   "5922224"   "5943591"   "5998238"   "6049124"   "6055976"   "6252302"   "6265119").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/02 08:27
S31	1383	(combined or combination) and saw and dicing and laser	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/02 09:25
S32	180	((melt or melted or melting) and (saw or sawing or cut or cutting) and (wafer or substrate) and semiconductor).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/02 09:24
S33	4	laser near4 dicing adj tape	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/02 09:26
S34	14145	seimitsu.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/02 09:28

## EAST Search History

S35	78856	laser and cutting	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/02 09:28
S36	5307	dicing and tape	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/02 09:28
S37	1130	S35 and S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/02 09:28
S38	902	semiconductor and S37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/02 09:28
S39	387	(melt or melting or melted) and S38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/02 09:29
S40	2022	tape and dicing and laser	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/06 15:42
S41	1085905	melt or melting	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/06 15:43
S42	707	S40 and S41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/06 15:44

## EAST Search History

S43	836398	chip or chipping	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/06 15:49
S44	584	S42 and S43	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/06 15:44
S45	22088	(chip or chipping) same (melt or melting)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/06 15:50
S46	190	S40 and S45	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/06 16:18
S47	48	chipping near4 melting	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/06 16:19
S48	4	("6220139").URPN.	USPAT	OR	ON	2006/04/06 16:22
S49	13	("3367216"   "3576061"   "3651841"   "4236432"   "4802396"   "4827822"   "4958546"   "5062338"   "5351592"   "5410935"   "5603252"   "5606900").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/06 16:26
S50	7	(wafer and blade and laser and melting).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/06 16:27